

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126729.D
 Acq On : 28 Jan 2022 21:07
 Operator : CG/JU
 Sample : N1319-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2S

Quant Time: Jan 29 02:30:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

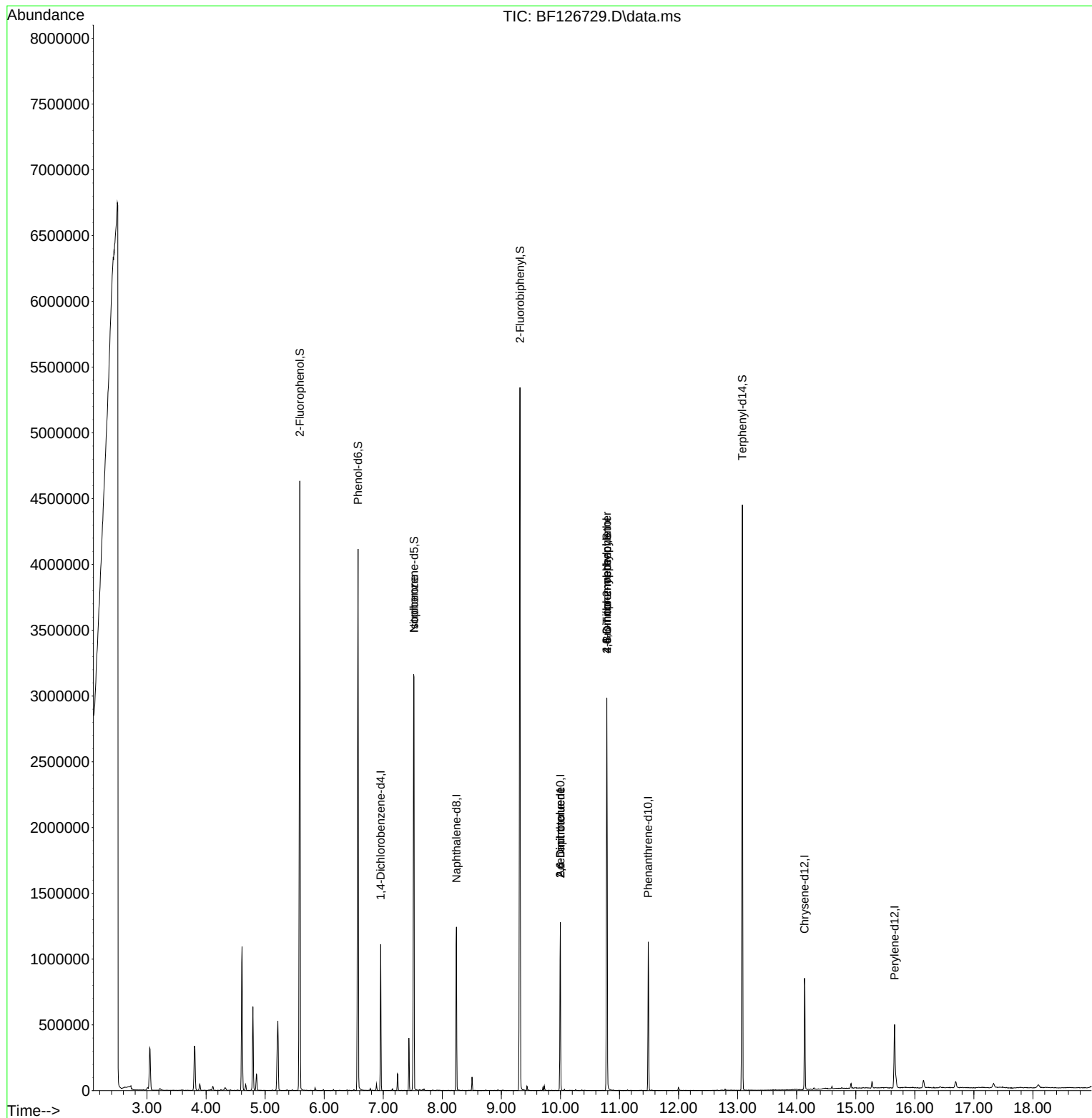
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	134014	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	504227	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	223466	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	363442	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	282665	20.000	ng	-0.01
86) Perylene-d12	15.657	264	187851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1320671	129.678	ng	0.02
7) Phenol-d6	6.575	99	1499677	105.986	ng	0.00
23) Nitrobenzene-d5	7.522	82	1321283	102.566	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	327662	156.679	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1590660	109.014	ng	0.00
79) Terphenyl-d14	13.080	244	1441467	85.533	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	398	Below Cal	#	58
25) Isophorone	7.522	82	1315261	52.646	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	28004	10.225	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	28004	8.438	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.786	198	758	7.741	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	20922	4.995	ng	# 1

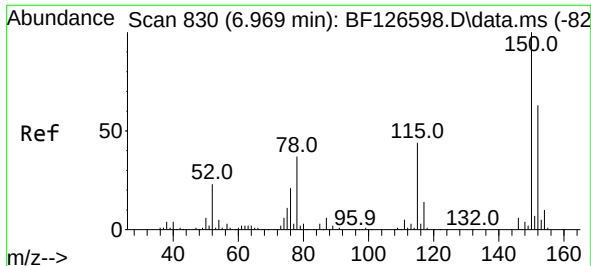
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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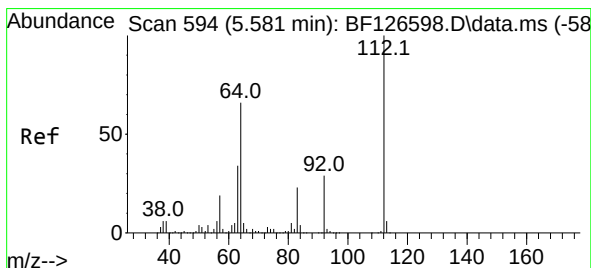
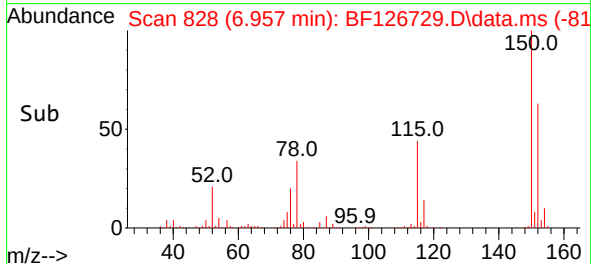
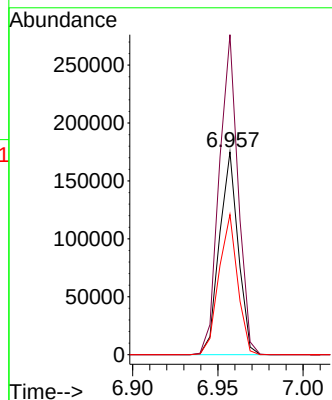
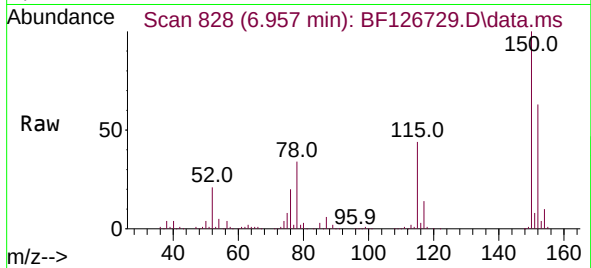




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

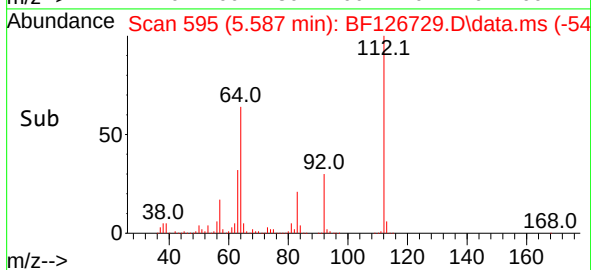
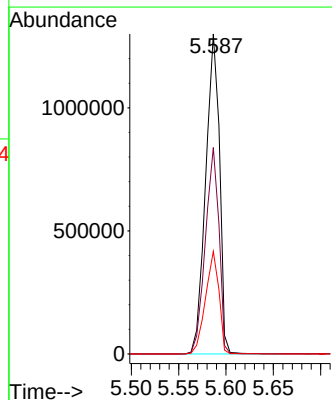
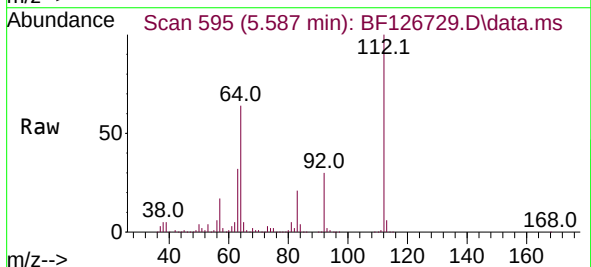
Instrument :
BNA_F
ClientSampleId :
MH-2S

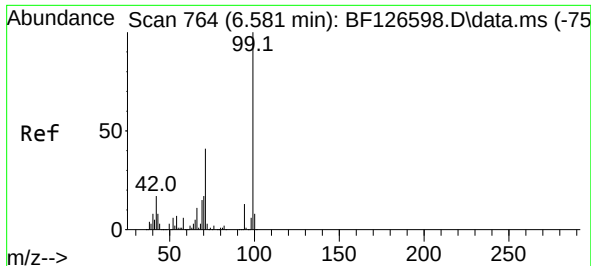
Tgt Ion:152 Resp: 134014
Ion Ratio Lower Upper
152 100
150 157.9 128.1 192.1
115 69.1 56.7 85.1



#5
2-Fluorophenol
Concen: 129.678 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

Tgt Ion:112 Resp: 1320671
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 32.1 23.9 35.9



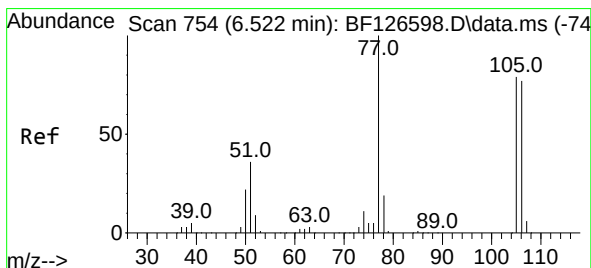
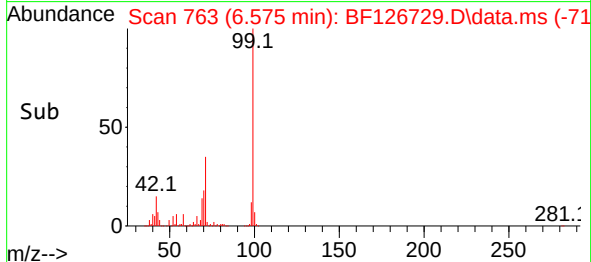
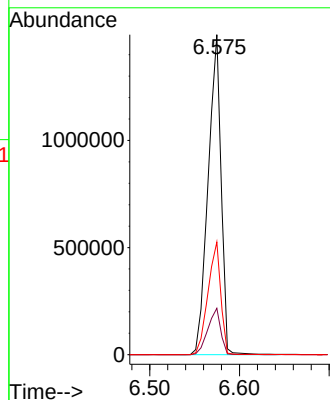
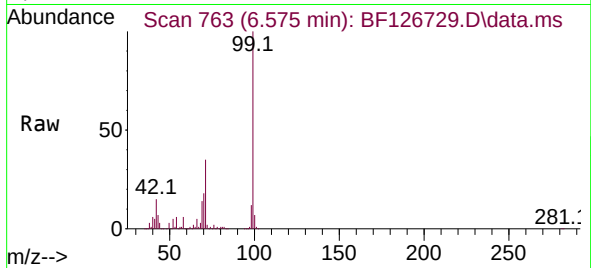


#7
Phenol-d6
Concen: 105.986 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

Instrument :
BNA_F
ClientSampleId :
MH-2S

Tgt Ion: 99 Resp: 1499677

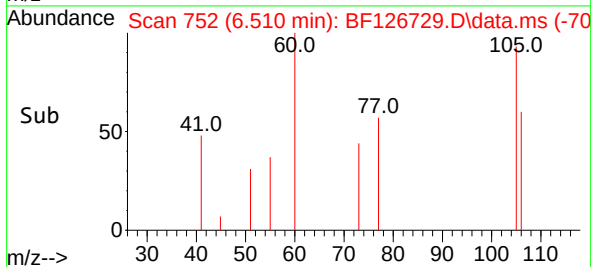
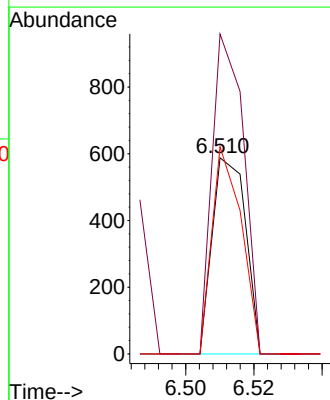
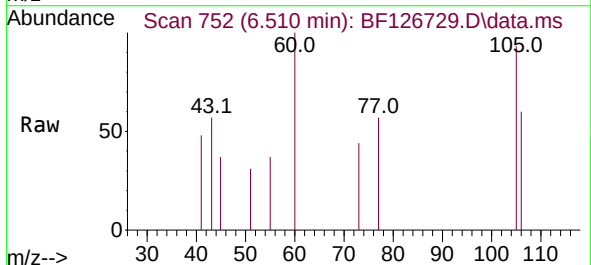
Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.2	21.4
71	35.2	24.3	36.5

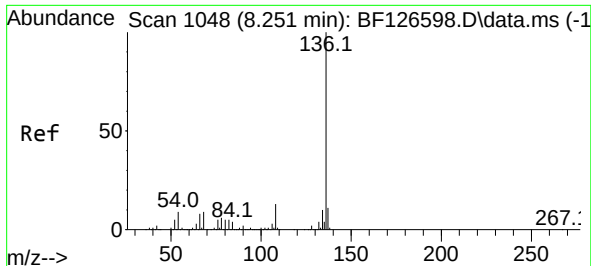


#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

Tgt Ion: 77 Resp: 398

Ion	Ratio	Lower	Upper
77	100		
105	163.1	74.9	114.9#
106	105.6	72.4	112.4

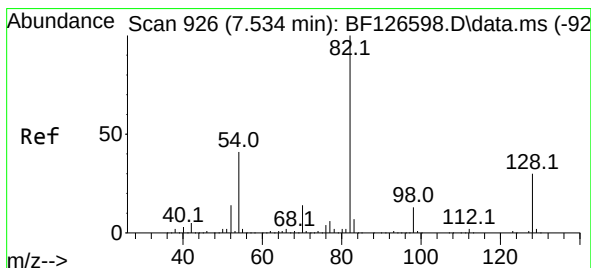
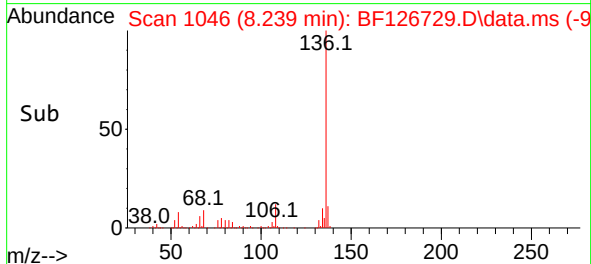
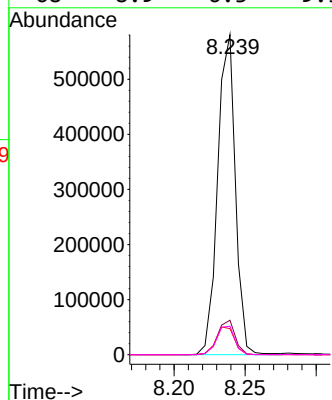
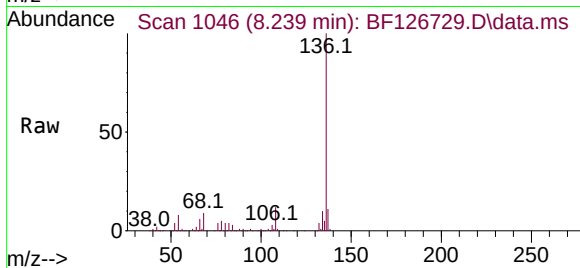




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

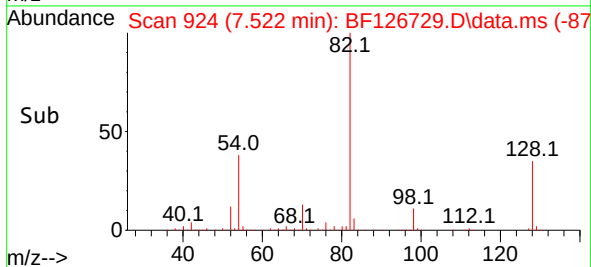
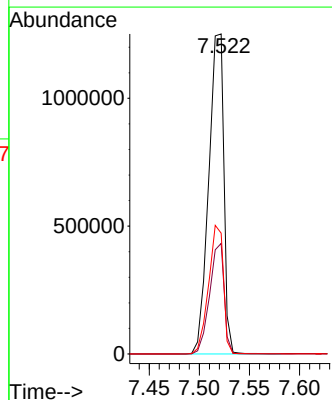
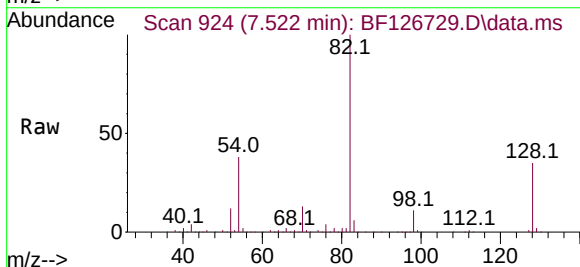
Instrument :
BNA_F
ClientSampleId :
MH-2S

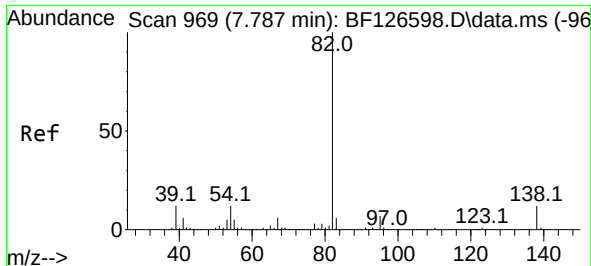
Tgt Ion:	136	Resp:	504227
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.1	7.8	11.6
68	8.9	6.3	9.5



#23
Nitrobenzene-d5
Concen: 102.566 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.000 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

Tgt Ion:	82	Resp:	1321283
Ion	Ratio	Lower	Upper
82	100		
128	34.6	32.7	49.1
54	37.8	41.7	62.5

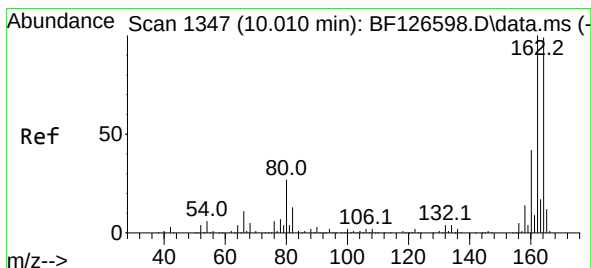
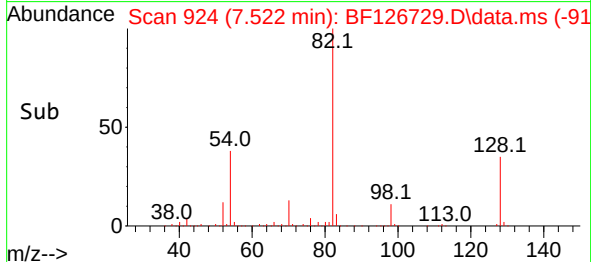
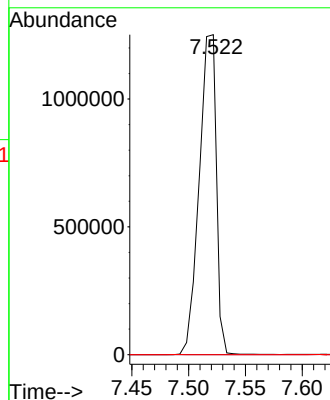
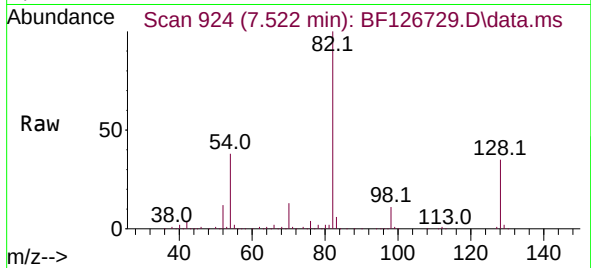




#25
Isophorone
Concen: 52.646 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

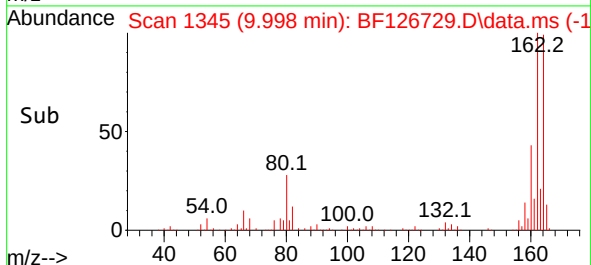
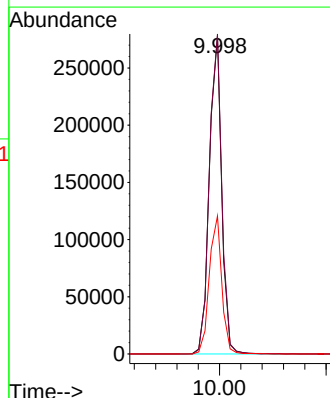
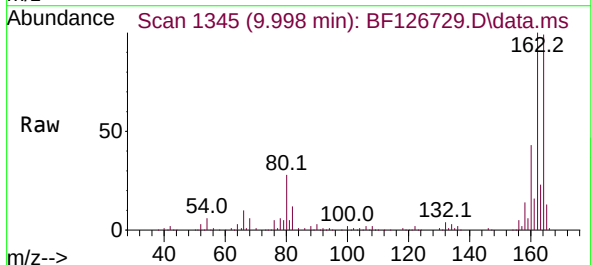
Instrument :
BNA_F
ClientSampleId :
MH-2S

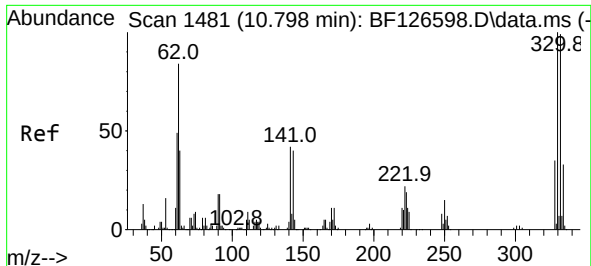
Tgt Ion: 82 Resp: 1315261
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

Tgt Ion:164 Resp: 223466
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 43.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 156.679 ng

RT: 10.786 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF126729.D

Acq: 28 Jan 2022 21:07

Instrument :

BNA_F

ClientSampleId :

MH-2S

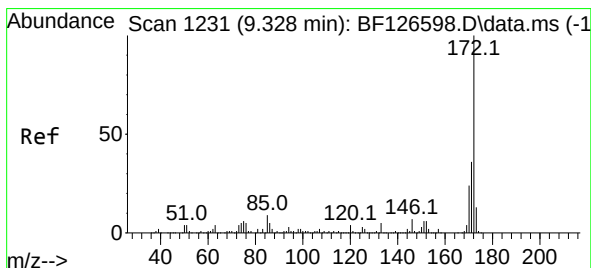
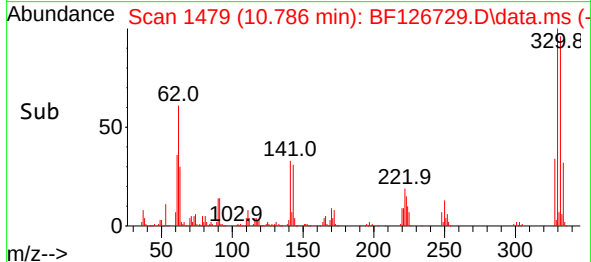
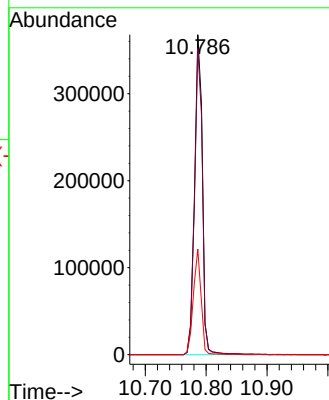
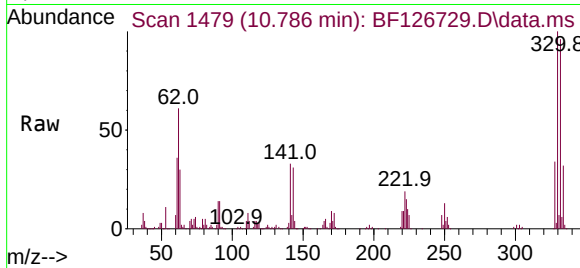
Tgt Ion:330 Resp: 327662

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

141 32.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 109.014 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF126729.D

Acq: 28 Jan 2022 21:07

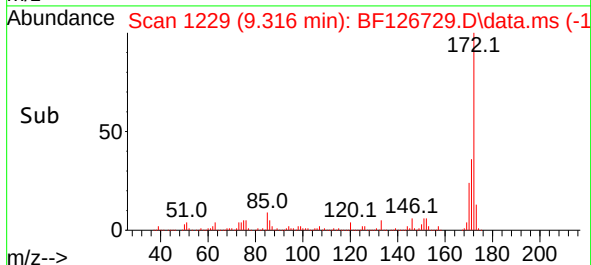
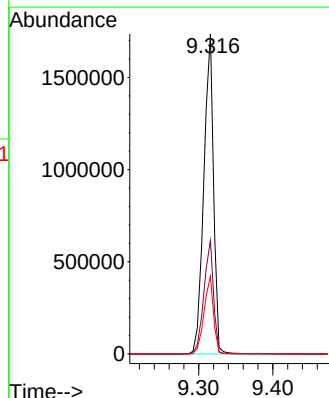
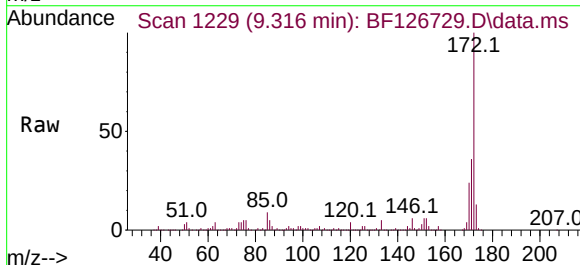
Tgt Ion:172 Resp: 1590660

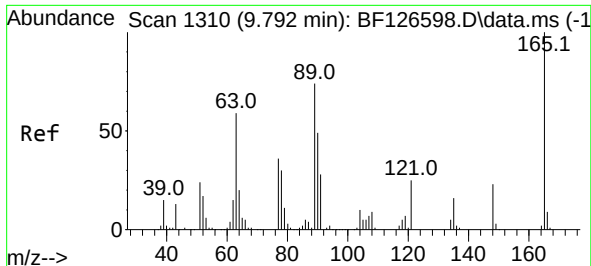
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 24.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 10.225 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF126729.D

Acq: 28 Jan 2022 21:07

Instrument :

BNA_F

ClientSampleId :

MH-2S

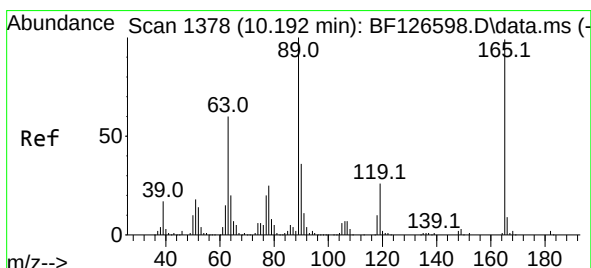
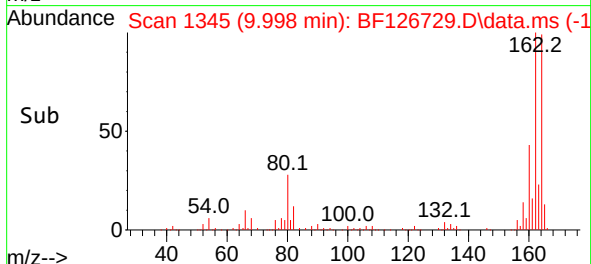
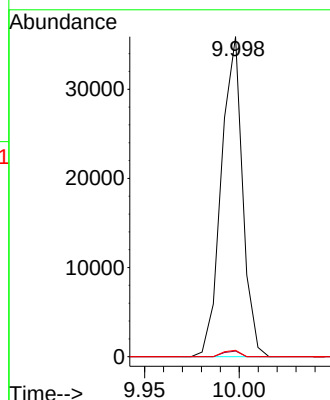
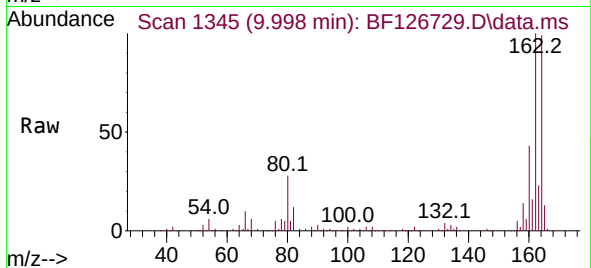
Tgt Ion:165 Resp: 28004

Ion Ratio Lower Upper

165 100

63 1.7 48.4 72.6#

89 2.0 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 8.438 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.188 min

Lab File: BF126729.D

Acq: 28 Jan 2022 21:07

Tgt Ion:165 Resp: 28004

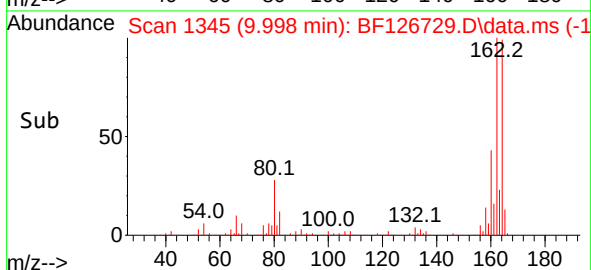
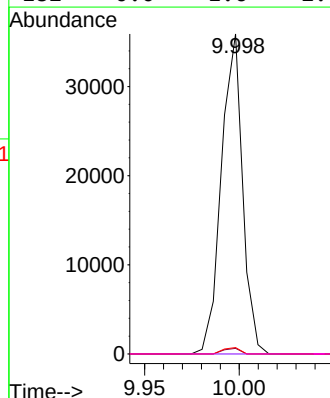
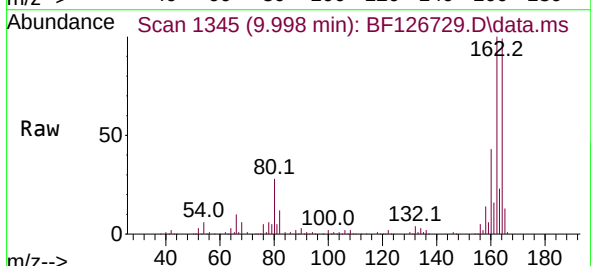
Ion Ratio Lower Upper

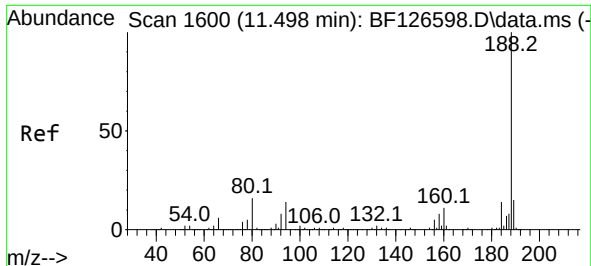
165 100

63 1.7 43.0 64.6#

89 2.0 71.0 106.4#

182 0.0 1.6 2.4#

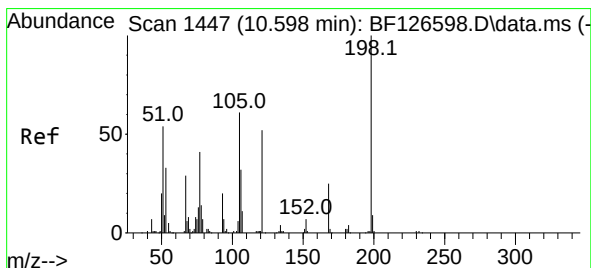
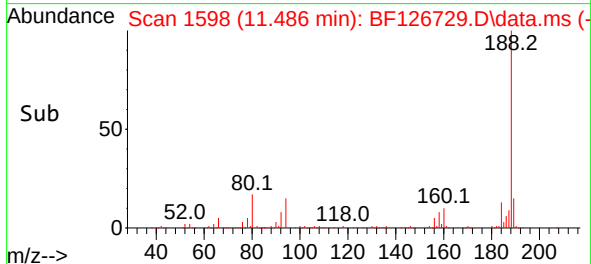
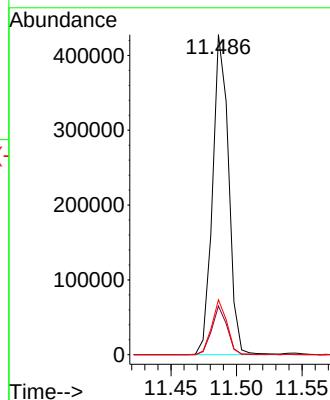
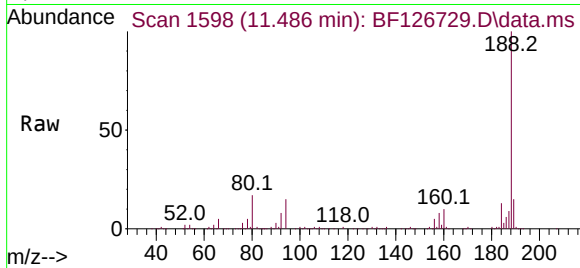




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

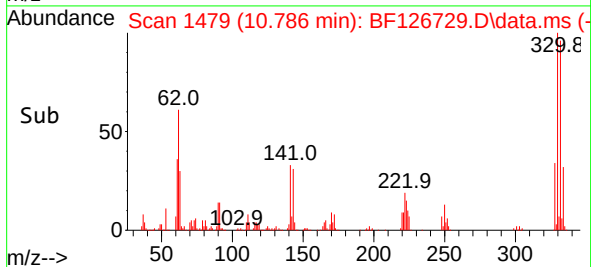
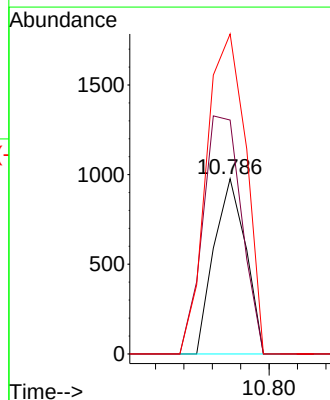
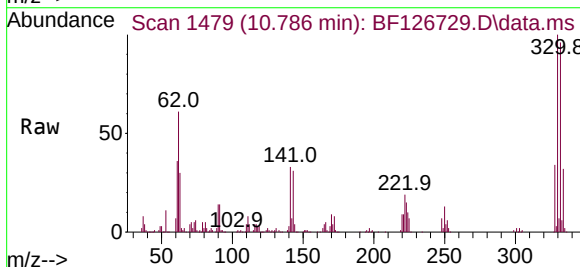
Instrument :
BNA_F
ClientSampleId :
MH-2S

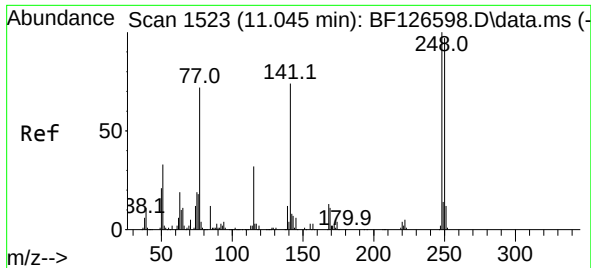
Tgt Ion:188 Resp: 363442
Ion Ratio Lower Upper
188 100
94 15.2 10.1 15.1#
80 17.1 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.741 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.194 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

Tgt Ion:198 Resp: 758
Ion Ratio Lower Upper
198 100
51 133.6 32.0 72.0#
105 182.7 32.7 72.7#

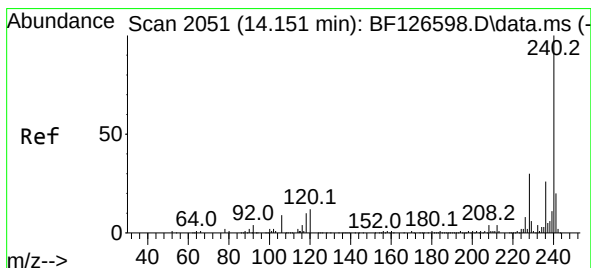
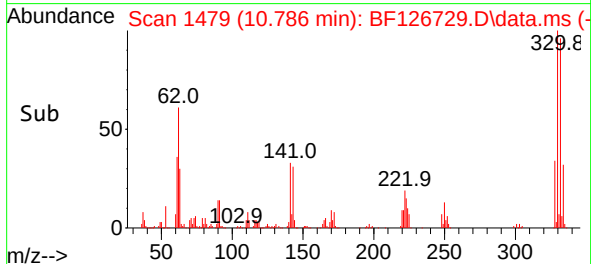
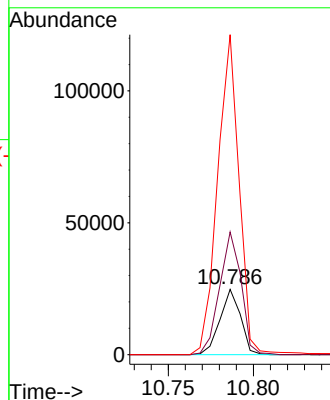
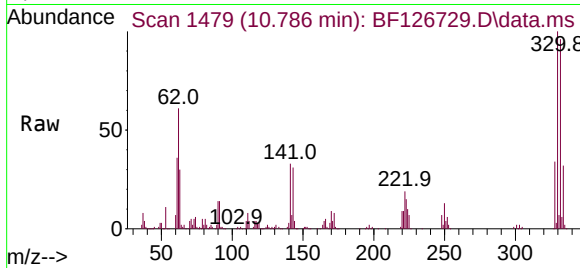




#67
4-Bromophenyl-phenylether
Concen: 4.995 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

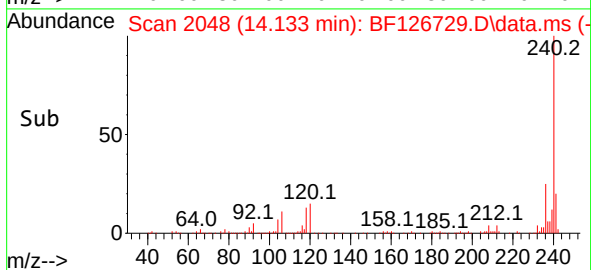
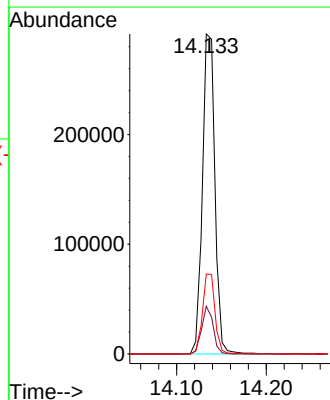
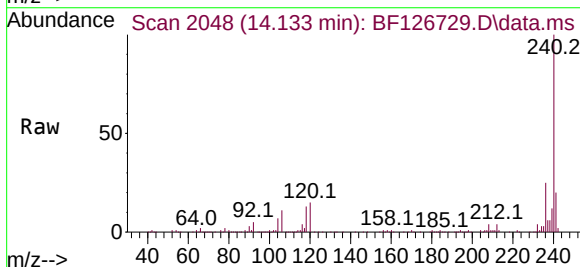
Instrument :
BNA_F
ClientSampleId :
MH-2S

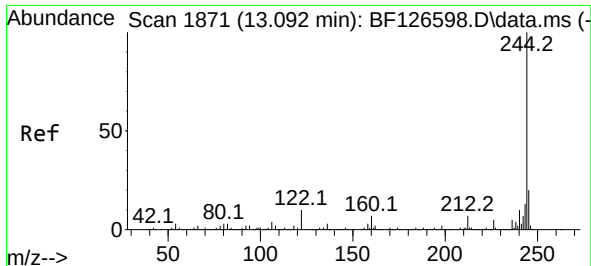
Tgt Ion:248 Resp: 20922
Ion Ratio Lower Upper
248 100
250 187.8 76.2 114.4#
141 489.8 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF126729.D
Acq: 28 Jan 2022 21:07

Tgt Ion:240 Resp: 282665
Ion Ratio Lower Upper
240 100
120 14.9 14.4 21.6
236 25.0 20.5 30.7

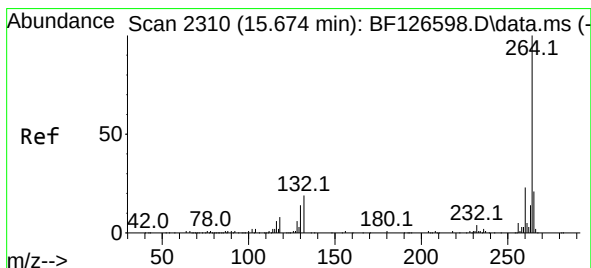
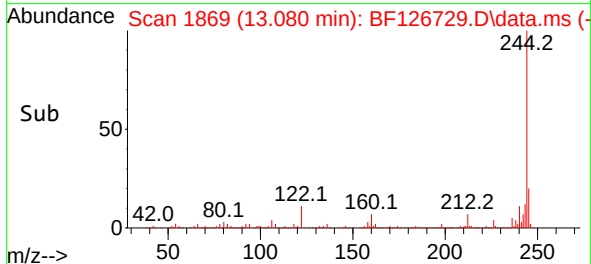
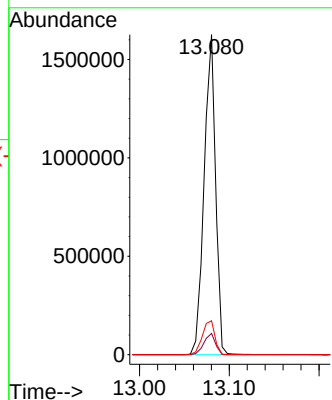
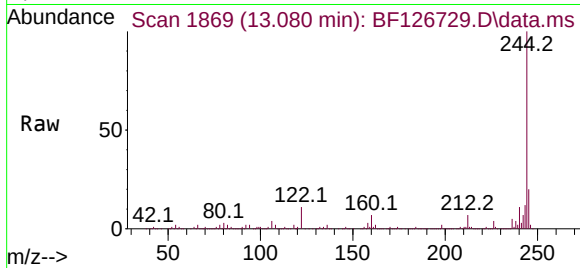




#79
 Terphenyl-d14
 Concen: 85.533 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126729.D
 Acq: 28 Jan 2022 21:07

Instrument :
 BNA_F
 ClientSampleId :
 MH-2S

Tgt Ion:244 Resp: 1441467
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126729.D
 Acq: 28 Jan 2022 21:07

Tgt Ion:264 Resp: 187851
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 20.8 17.4 26.2

